

ConocoPhillips Company 6825 South 5300 West P.O. Box 851 Price, UT 84501

January 13, 2006

Ms. Diana Whitney State of Utah Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210 SLC, Utah 84114-5801

RE: Application for Permit to Drill: Utah 26-1055, Utah 13-1167, Utah 35-1080, Utah 34-1217, Utah 7-1229, Utah 6-1228, Utah 7-1230, Ritzakis 8-1017

Dear Ms. Whitney:

Please find enclosed an Application for Permit to Drill (APD) for the following wells:

Utah 26-1055, Utah 13-1167, Utah 35-1080, Utah 34-1217, Utah 7-1229, Utah 6-1228, Utah 7-1230, Ritzakis 8-1017

Please accept this letter as ConocoPhillips' written request for confidential treatment of all information contained in and pertaining to this permit application, if said information is eligible for such consideration.

Thank you very much for your timely consideration of this application. Please feel free to contact me if you have any questions.

Sincerely,

Jean Semborski

Construction/Asset Integrity Supervisor

- Submili

cc: Mr. Eric Jones, BLM, Moab, Utah

Mr. John Albert, Chevron

Mr. John Lennon, Dominion Resources

Mr. Don Stephens, BLM, Price, Utah

Ms. Debbie Marberry, ConocoPhillips

Mr. Kile Thompson, ConocoPhillips

Mr. Mark Jones, DOGM, Price, Utah

Mr. Ed Bonner, SITLA

ConocoPhillips Well File

RECEIVED
JAN 1 2 2006

### STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

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AMENDED REPORT [ | (highlight changes)

	<b>A</b>	APPLICAT	TION FOR I	PERMIT TO	DRILL			5. MINERAL LEASE NO: ML-38867	6. SURFACE: State
1A TYPE OF WORK: DRILL Z REENTER DEEPEN D			7. IF INDIAN, ALLOTTEE OR N/A	TRIBE NAME:					
B. TYPE OF WEL	L: OIL 🗌	gas 🗸	OTHER	SIN	GLE ZONE	MULTIPLE ZOI	VE 🔲	8. UNIT or CA AGREEMENT N Drunkards Wash I	
2. NAME OF OPER ConocoPhil		any						9. WELL NAME and NUMBER Utah 6-1228	:
3. ADDRESS OF C		CITY Price		UT ZIP 84	501	PHONE NUMBER: (435) 613-9777		10. FIELD AND POOL, OR W Drunkards Wash	LDCAT:
4. LOCATION OF					39.54	<u> </u>		11. QTR/QTR, SECTION, TOV	VNSHIP, RANGE,
AT SURFACE:	93' FSL, 28	87' FWL	512744	1				MERIDIAN: SWSW 6 159	5 10E
AT PROPOSED	PRODUCING ZOI	<sub>NE:</sub> Same a	s Surface	W 1	- 110.	851692		344344 0 133	) IUE
			REST TOWN OR POS	ST OFFICE:				12. COUNTY:	13. STATE: UTAH
		of Price, Uta						Carbon	
287 feet	NEAREST PROF	PERTY OR LEASE I	LINE (FEET)	16. NUMBER O	F ACRES IN LEA	<sup>NSE:</sup> 1278.5 acres	1	UMBER OF ACRES ASSIGNED	TO THIS WELL:  160 acres
18. DISTANCE TO APPLIED FOR	NEAREST WELL ON THIS LEASE	L (DRILLING, COMF (FEET)	PLETED, OR	19. PROPOSED	DEPTH:		20. B	OND DESCRIPTION:	
1800 feet			<del> </del>			2,320		otary	
5776.0' G		R DF, RT, GR, ETC	J.):	22. APPROXIM/ 2/1/2006		K WILL START:	23. E	STIMATED DURATION:	
3770.0 G				2/ 1/2000	, 		<u> </u>		<u> </u>
24.			PROPOS	ED CASING AI	ND CEMEN	ITING PROGRAM			
SIZE OF HOLE	CASING SIZE,	GRADE, AND WEI	GHT PER FOOT	SETTING DEPTH		CEMENT TYPE, QU	JANTITY,	YIELD, AND SLURRY WEIGHT	· · · · · · · · · · · · · · · · · · ·
15"	12 3/4"	H 40	40.5#/ft	40					
11"	8 5/8"	J-55	24#/ft	400	170 sks	G+2% CaCl 1	.18 cu	ı.ft./sk 15.6 ppg	
7 7/8"	5 1/2"	N-80	17#/ft	2,310	100sks S	td Cement + 10	0% Ca	alSeal 1.61 cu.ft./sk	14.2 ppg
					160sks 5	0/50 POZ +8 %	Bent	+10% CalSeal 1/4	#/sk 12.5ppg
				,					···········
		,	<u> </u>						
25.			<del></del>	ATTA	CHMENTS				
VERIFY THE FOL	LOWING ARE AT	TACHED IN ACCO	RDANCE WITH THE L	JTAH OIL AND GAS C	ONSERVATION	GENERAL RULES:		CONTIDE	ITIAI
WELL PL	AT OR MAP PREF	PARED BY LICENS!	ED SURVEYOR OR E	NGINEER		OMPLETE DRILLING PLAN		CONFIDEN	VIIAL
<b>V</b> EVIDENC	E OF DIVISION C	F WATER RIGHTS	APPROVAL FOR US	E OF WATER	☐ FC	ORM 5, IF OPERATOR IS P	ERSON C	OR COMPANY OTHER THAN TH	IE LEASE OWNER
NAME (DI EACE	<sub>PRINT)</sub> Jean :	Semborski			TITL	_ Construction/	Asset	Integrity Supervisor	
NAME (PLEASE	PRINT)	1	6. /.					mag.n., capariles.	
SIGNATURE		m She	Vorser		DAT	E 1/11/2006			
(This space for Sta	ite use only)			_					
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(11/2001)				Data	100	i it-li	. [	DIV. OF OIL, GAS & MI	NING

(11/2001)

# Range 10 East (EAST - 5259.54') SouthTownshipUTM UTAH #6-1228 ELEV. 5776.0' 286.84 (EAST - 5295.18') S89°48'45"E - 5317.92" Legend Drill Hole Location NOTES: 1. UTM and Latitude / Longitude Coordinates are derived using a GPS Pathfinder and are shown in NAD 27 Datum. Metal Cap (Found) Brass Cap (Searched for, but not found) Calculated Corner LAT / LONG

GLO

GPS Measured

39°32'34.116"N

110°51'06.170"W

Location:

The well location was determined using a Trimble 5700 GPS survey grade unit.

Basis of Bearing:

The Basis of Bearing is GPS Measured.

GLO Bearing:
The Bearings indicated are per the recorded plat obtained from the U.S. Land Office.

Basis of Elevation:
Basis of Elevation of 5822' being at the Northwest Section

Corner of Section 12, Township 14 South, Range 9 East, Salt Lake Base and Meridian, as shown on the Price Quadrangle 7.5 minute series map.

Description of Location:
Proposed Drill Hole located in the SW/4 SW/4 of Section 6. T15S, R10E, S.L.B.&M., being 93.00' North and 286.84' East from the Southwest Section Corner of Section 6, T15S, R10E, Sait Lake Base & Meridian.

### Surveyor's Certificate:

I, Albert J. Spensko, a Registered Professional Land Surveyor, holding Certificate 146652 State of Utah, do hereby certify that the information on this drawing is a true and accurate survey based on data of record and was conducted under my personal direction and supervision as shown hereon.







## ConocoPhillips Company

TALON RESOURCES, INC.

ston, Utah 84528

WELL UTAH #6-1228 Section 6, T15S, R10E, S.L.B.&M. Carbon County, Utah

N. BUTKOVICH	Checked By: L.W.J./A.J.S.		
Brawing No.	12/29/05 Scale: 1" = 1000'		
A-1			
Sheet 1 of 4	Job No. 2131		

( in feet) 1 inch = 1000 ft.

GRAPHIC SCALE

## EXHIBIT "D" DRILLING PROGRAM

Attached to Form 3
ConocoPhillips Company
<u>Utah 6-1228</u>
<u>SW/4, SW/4, Sec.6, T15S, R10E, SLB & M</u>
<u>93' FSL, 287' FWL</u>
Carbon County, Utah

### 1. The Surface Geologic Formation

Mancos Shale

### 2. Estimated Tops of Important Geologic Markers

Blue Gate/Ferron 1830'

### 3. Projected Gas & H2O zones (Ferron Formation)

Coals and sandstones 1844' - 1957'

No groundwater is expected to be encountered.

Casing & cementing will be done to protect potentially productive hydrocarbons, lost circulation zones, abnormal pressure zones, and prospectively valuable mineral deposits.

All indications of usable water will be reported.

Surface casing will be tested to 500 psi and Production casing tested to 1500 psi with a minimum of 1 psi/ft of the last casing string depth

### 4. The Proposed Casing and Cementing Programs

Casing Size	Wt/Ft	Grade	Joint	Depth set
12 ¾"	40.5	H-40	ST&C	0-50'
8 5/8"	24.0	J-55	ST&C	0-400'
5 1/2"	17.0	N-80	LT&C	0-2310
	12 ¾" 8 5/8"	12 ¾" 40.5 8 5/8" 24.0	12 <sup>3</sup> ⁄ <sub>4</sub> " 40.5 H-40 8 5/8" 24.0 J-55	12 ¾" 40.5 H-40 ST&C 8 5/8" 24.0 J-55 ST&C

### **Cementing Program**

The 8 5/8" surface casing will be set with approximately 170 sacks Class G or Type V cement with 2% CaCl<sub>2</sub> mixed at 15.6 ppg (yield =1.18 ft<sup>3</sup>/sx). The cement will be circulated back to surface with 100% excess.

The 5 ½" production casing will be set and cemented using a two stage cementing process. This entails setting casing to total TD and running a DV tool to approximately 300' of the top of the Ferron.

The 1<sup>st</sup> Stage of cement will then be pumped to approximately 50' from the DV tool. After cement is pumped, the cement cap will be removed and a wiper plug installed. The cement cap will then be screwed back on and a wiper plug will be displaced to TD. The cement cap will be removed and the DV tool bomb will be dropped followed by the 2<sup>nd</sup> Stage wiper plug. (This is done to open the DV tool and establish circulation.) Once circulation is established, circulation will continue at approximately 1 bpm for 4 hours while waiting on cement (WOC). WOC at a minimum of 4 hours before beginning 2<sup>nd</sup> stage cement job. After the 2<sup>nd</sup> Stage has been pumped, a top wiper plug will be dropped and displaced with water (or water spacer and mud). Shut in well and WOC.

The 5 ½" production casing will be set with approximately 100 sacks of Standard Cement, 10% Cal Seal 60 (accelerator), 1% Calcium Chloride (accelerator), ¼ lbm/sk Flocele (lost circulation additive) with a yield of 1.61 ft³/sx at 14.2 ppg; calculated with an excess of 35% for the 1st Stage. For the 2nd stage, approximately 160 sx of 50/50 POZ Premium cement, 8% Bentonite (light weight additive), 10% Cal Seal 60 (accelerator), ¼ lbm/sk Flocele (lost circulation additive) with a yield of 1.98 ft³/sx at 12.5 ppg; calculated with an excess of 30% for the 2nd Stage.

The above cement volumes are approximate and are calculated under the assumption that a gauge hole will be achieved. If the cement does not return to surface, a cement bond log will be run to determine the top of cement. In the case where the cement is below the surface casing shoe, the casing will be perforated and squeeze cemented to the surface. If the cement is above the surface casing shoe, cement will be one-inched to the surface.

### The following shall be entered in the driller's log:

- 1) Blowout preventer pressure tests, including test pressures and results;
- 2) Blowout preventer tests for proper functioning;
- 3) Blowout prevention drills conducted;
- 4) Casing run, including size, grade, weight, and depth set;
- 5) How the pipe was cemented, including amount of cement, type, whether cement circulated, location of the cementing tools, etc.;
- 6) Waiting on cement time for each casing string;
- 7) Casing pressure tests after cementing, including test pressures and results.

### 5. The Operator's Minimum Specifications for Pressure Control

Exhibit "G" is a schematic diagram of the blowout preventer equipment. A double gate 3000 psi BOPE will be used with a rotating head. This equipment will be tested to 2000 psi. All tests will be recorded in a Driller's Report Book. Physical operation of BOP's will be checked on each trip.

### 6. The Type and Characteristics of the Proposed Circulating Muds

0-400 11" hole

Drill with air, will mud-up if necessary.

400-TD

7 7/8" hole

Drill with air, will mud-up if necessary. 400 psi @ 1400-1600 cfm

### 7. The Testing, Logging and Coring Programs are as followed

400-TD

Gamma Ray, Neutron Porosity, CBL

### Any Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures have been noted or reported in wells drilled in the area nor at the depths anticipated in this well. Bottom hole pressure expected is about 1018 psi max., however due to offset production pressures may be much lower. No hydrogen sulfide or other hazardous gases or fluids have been found, reported or are known to exist at these depths in the area.

8. Anticipated Starting Date and Duration of the Operations.

The well will be drilled around February 1, 2006

Verbal and/or written notifications listed below shall be submitted in accordance with instructions from the Division of Oil, Gas & Mining:

- (a) prior to beginning construction;
- (b) prior to spudding;
- (c) prior to running any casing or BOP tests;
- (d) prior to plugging the well, for verbal plugging instructions.

Spills, blowouts, fires, leaks, accidents or other unusual occurrences shall be reported to the Division of Oil, Gas & Mining immediately.

### SURFACE USE PLAN

Attached to Form 3
ConocoPhillips Company
<u>Utah 6-1228</u>
<u>SW/4, SW/4, Sec.6, T15S, R10E, SLB & M</u>
<u>93' FSL, 287' FWL</u>
<u>Carbon County, Utah</u>

### 1. Existing Roads

- a. We do not plan to change, alter or improve upon any existing state or county roads.
- b. Existing roads will be maintained in the same or better condition. See Exhibit "B".

### 2. Planned Access

Approximately <u>1400</u> of new access is required (Refer to Drawing L-1)

- a. Maximum Width: 24' travel surface with 27' base
- b. Maximum grade: 7%
- c. Turnouts: None
- d. Drainage design: <u>3 culverts</u> may be required. Water will be diverted around well pad as necessary.
- e. If the well is productive, the road will be surfaced and maintained as necessary to prevent soil erosion and accommodate year-round traffic.
- f. Pipe and power lines will follow the proposed access road.

### 3. Location of Existing Wells

a. Refer to Drawing L-1.

### 4. Location of Existing and/or Proposed Facilities

- a. If the well is a producer, installation of production facilities will be as shown on Exhibit "H". Buried powerlines run along access on the east and north, gathering lines on the south or west.
- b. Rehabilitation of all pad areas not used for production facilities will be made in accordance with landowner stipulations.

### 5. Location and Type of Water Supply

- a. Water to be used for drilling will be purchased from the Price River Water Improvement District (a local source of municipal water) (tel. 435-637-6350).
- b. Water will be transported by truck over approved access roads.
- c. No water well is to be drilled for this location.

### 6. Source of Construction Materials

- a. Any necessary construction materials needed will be obtained locally and hauled to the location on existing roads.
- b. No construction or surfacing materials will be taken from Federal/Indian land.

### 7. Methods for handling waste disposal

- a. As the well will be air drilled, a small reserve pit will be constructed with a minimum of one-half the total depth below the original ground surface on the lowest point within the pit. The pit will not be lined unless conditions encountered during construction warrant it or if deemed necessary by the DOGM representative during the pre-site inspection. Three sides of the reserve pit will be fenced within 24 hours after completion of construction and the fourth side within 24 hours after drilling operation cease with woven wire topped with barbed wire to a height of not less than four feet. The fence will be kept in good repair while the pit is drying.
- b. Following drilling, the liquid waste will be evaporated from the pit and the pit back-filled and returned to natural grade. No liquid hydrocarbons will be discharged to the reserve pit or location.
- c. In the event fluids are produced, any oil will be retained in tankage until sold and any water produced will be retained until its quality can be determined. The quality and quantity of the water will determine the method of disposal.
- d. Trash will be contained in a portable metal container and will be hauled from location periodically and disposed of at an approved disposal site. Chemical toilets will be placed on location and sewage will be disposed of at an appropriate disposal site.

### 8. Ancillary Facilities

a. We anticipate no need for ancillary facilities with the exception of one trailer to be located on the drill site.

### 9. Wellsite Layout

- a. Available topsoil will be removed from the location and stockpiled. Location of mud tanks, reserve and berm pits, and soil stockpiles will be located as shown on the attachments.
- b. A blooie pit will be located 100' from the drill hole. A line will be placed on the surface from the center hole to the pit. The pit will not be lined, but will be fenced on four sides to protect livestock/wildlife.
- c. Access to the well pad will be as shown on Drawing A-2 and L-1.
- d. Natural runoff will be diverted around the well pad.

### 10. Plans for Restoration of Surface

- a. All surface areas not required for producing operations will be graded to as near original condition as possible and contoured to maintain possible erosion to a minimum.
- b. Available topsoil will be stockpiled and will be evenly distributed over the disturbed areas and the area will be reseeded as prescribed by the landowner.
- c. Pits and any other area that would present a hazard to wildlife or livestock will be fenced off when the rig is released and removed.

### 11. Surface Ownership:

a. The wellsite and access road will be constructed on lands owned by the School and Institutional Trust Lands Administration. The operator shall contact the landowner representative and the Division of Oil, Gas and mining 48 hours prior to beginning construction activities.

### 12. Other Information:

- a. The primary surface use is farming and grazing. The nearest dwelling is approximately <u>2 miles</u> east.
- b. Nearest live water is the Miller Creek located 2 miles south.
- c. If there is snow on the ground when construction begins, it will be removed before the soil is disturbed and piled downhill from the topsoil stockpile location.
- d. The backslope and foreslope will be constructed no steeper than 4:1.
- e. All equipment and vehicles will be confined to the access road and well pad.
- f. A complete copy of the approved Application for Permit to Drill (APD) including conditions and stipulations, shall be on the wellsite during construction and drilling operations.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the Division of Oil, Gas & Mining.

### 13. Company Representative

Jean Semborski
Construction/Asset Integrity Supervisor
ConocoPhillips Company
P.O. Box 851
6825 South 5300 West
Price, Utah 84501
(435) 613-9777
(435) 820-9807

Mail Approved A.P.D. To:

Company Representative

### **Excavation Contractor**

Larry Jensen, Vice President Nelco Contractors Inc. Vice President (435) 637-3495 (435) 636-5268

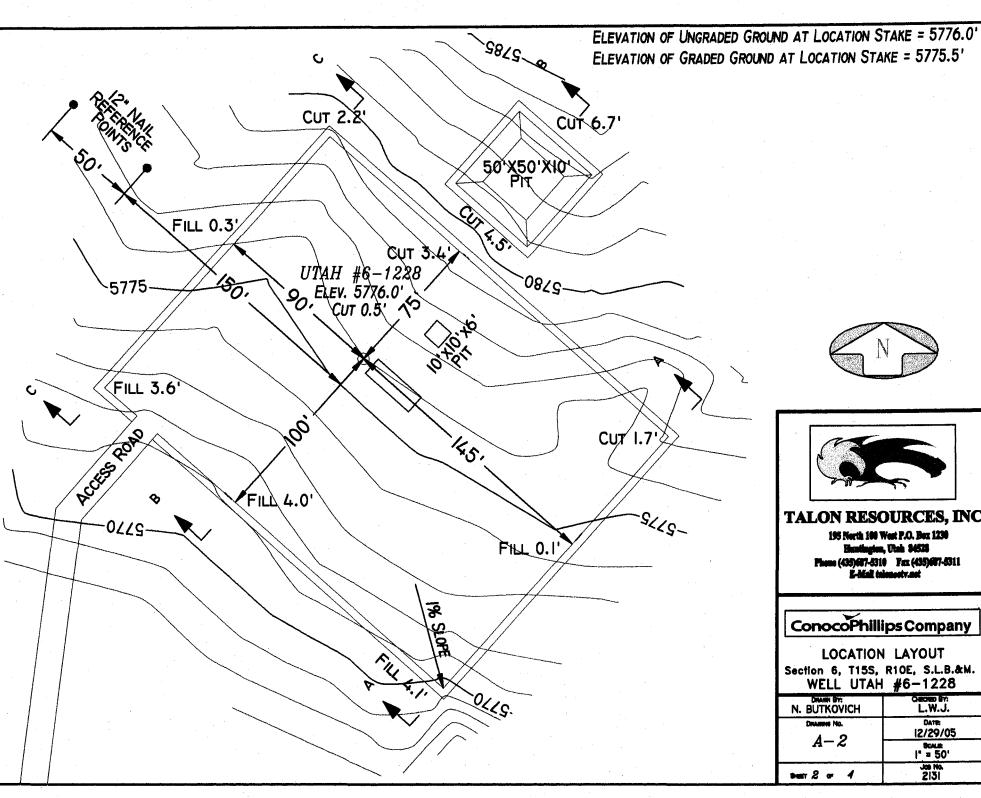
### 14. Certification

I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct, and that the work associated with the operations proposed herein will be performed by ConocoPhillips Company and its subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Jean Semborski

Construction/Asset Integrity Supervisor

ConocoPhillips Company







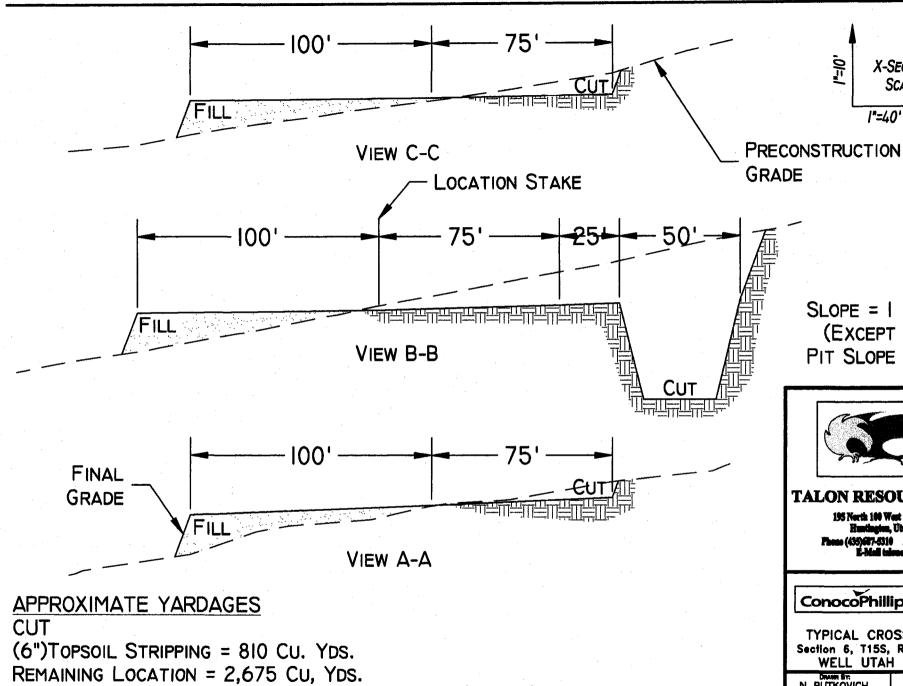
### TALON RESOURCES, INC.

195 North 100 West P.O. Box 1230 antington, Utah \$4528 Phone (435)687-5310 Fax (435)687-5311 E-Mail telementy.net

### Conoco Phillips Company

LOCATION LAYOUT Section 6, T15S, R10E, S.L.B.&M. WELL UTAH #6-1228

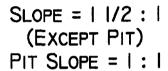
	#
DRAWN BY: N. BUTKOVICH	Checken By: L.W.J.
Dramme No.	DATE: 12/29/05
A-2	SCALE:  " = 50'
theatr 2 or 4	Jos No. 2131



(INCLUDING TOPSOIL STRIPPING)

TOTAL CUT (INCLUDING PIT) = 3,425 Cu. YDS.

TOTAL FILL = 1,710 Cu. YDS.



X-SECTION SCALE

1"=40"



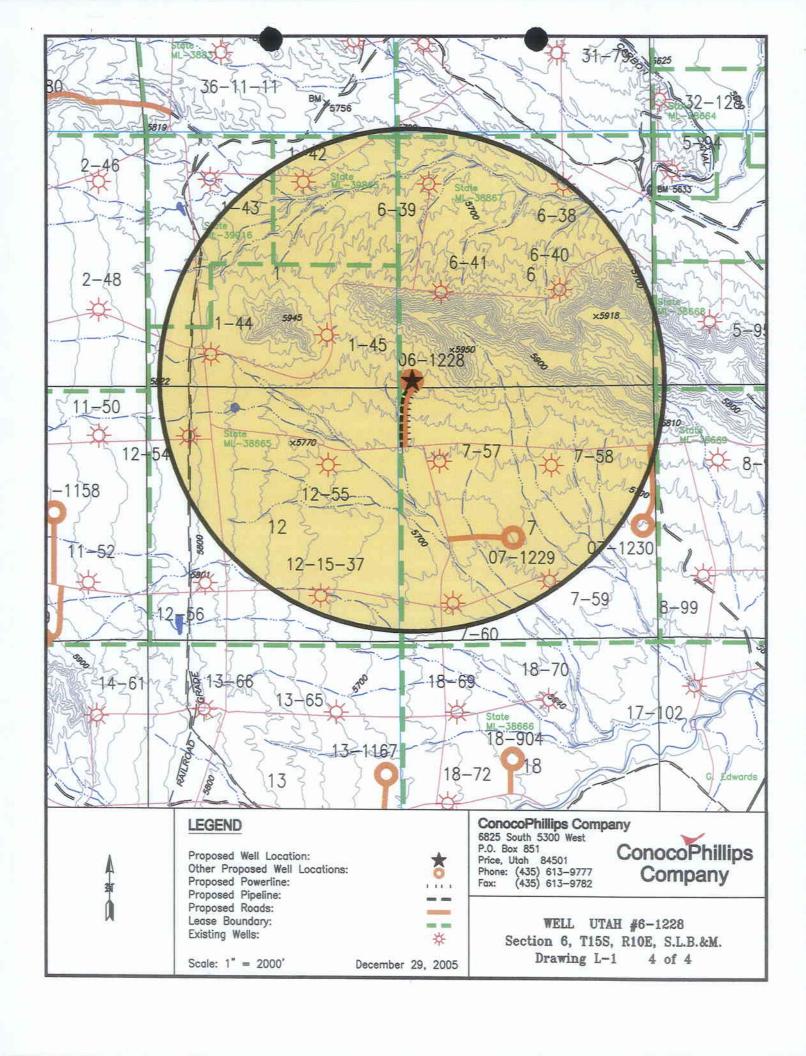
### TALON RESOURCES, INC.

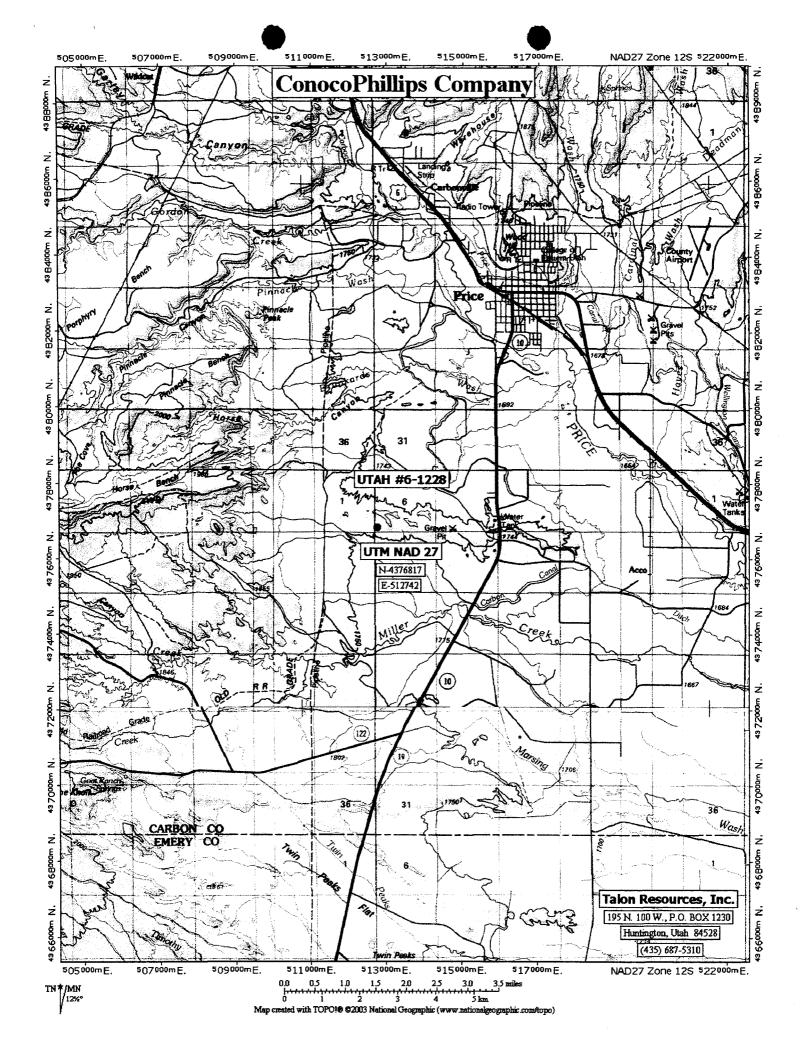
(435)607-5310 Fax (435)607-5311

## Conoco Phillips Company

TYPICAL CROSS SECTION Section 6, T15S, R10E, S.L.B.&M. WELL UTAH #6-1228

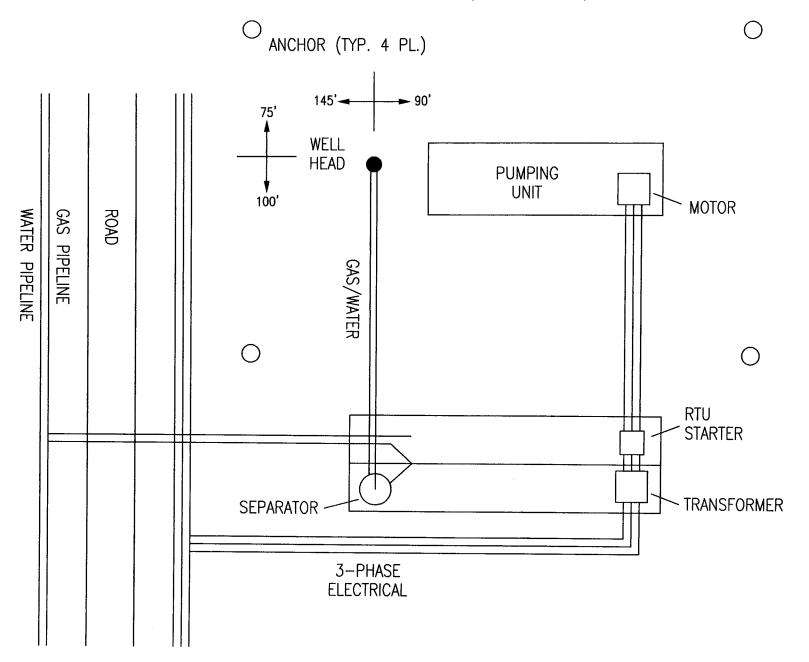
N. BUTKOVICH	CHECKED BY: L.W.J.
DRAWNS No.	DATE: 12/29/05
C-1	SCALE:  " = 40'
teen 3 or 4	Joe No. 2131



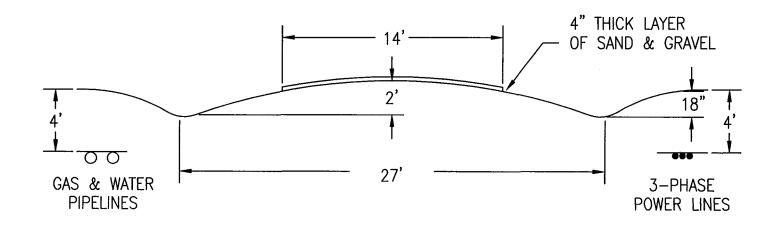


## CONOCOPHILLIPS COMPANY

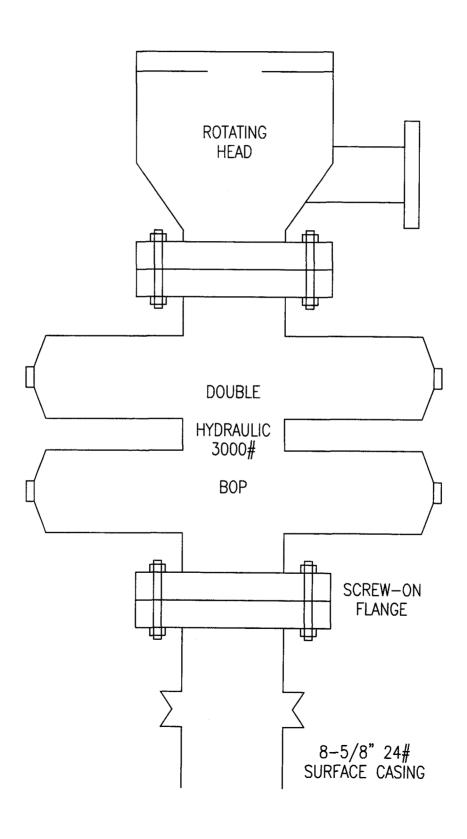
WELL SITE LAYOUT (235' x 175')



# TYPICAL ROAD CROSS-SECTION CONOCOPHILLIPS COMPANY



# DIVERTER HEAD CONOCOPHILLIPS COMPANY



## CONOCOPHILLIPS COMPANY

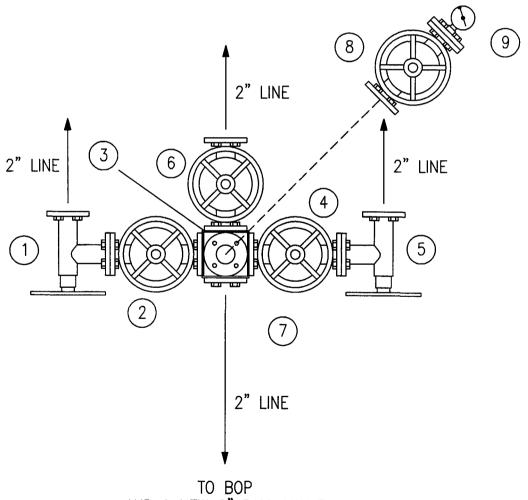
- 5M FLANGED CHOKE

- 2" 5M FLANGED CHOKE
  2" 5M GATE VALVE (FLANGED)
  2" 5M STUDDED CROSS
  2" 5M GATE VALVE (FLANGED)
  2" 5M FLANGED CHOKE
  2" 5M GATE VALVE (FLANGED)
  2" LINE

- 2" 5M GATE VALVE (FLANGED)
- 3000# GAUGE

### NOTE:

NUMBER 8 GATE VALVE SITS ON TOP OF MANIFOLD BETWEEN STUDDED CROSS AND 3000# GAUGE.



AND A NEW 2" BALL VALVE FULL OPEN 5000 PSI

**MANIFOLD** 

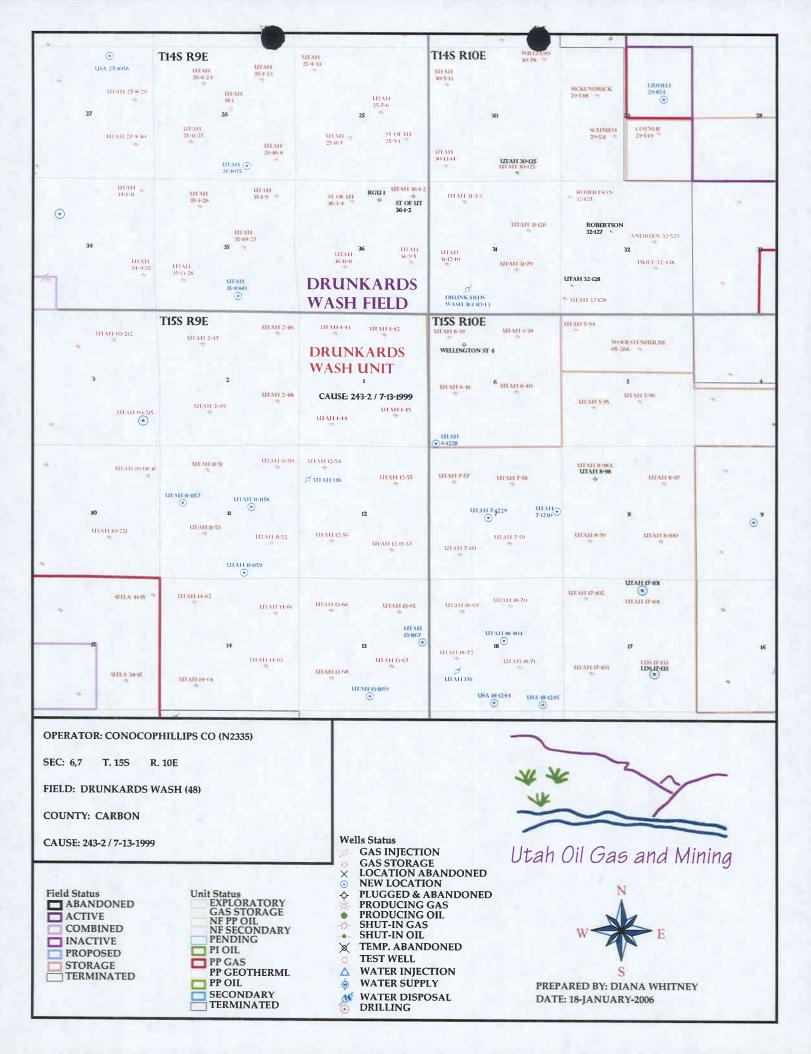
**EXHIBIT H** 

### FORM 4A

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

(surety name) SAFECO INSURANCE COMPANY OF AMERICA	Bond No. 6196922	. 517101	ON OF OIL, GAS	AND MINIMG	
(Surefy name)			SURETY BO	ND	
so Princips (surely name) SAFECO INSURANCE COMPANY OF AMERICA as Surety, duly authorize  EIGHTY THOUSAND AND NO/100***********************************	KNOW ALL MEN BY THESE PRE	SENTS:			
as Surety, duly authorize  EIGHT THOUSAND AND NO/100***********************************	That we (operator name)CONc	OCOPHILLIPS COM	TPANY		as Principal,
FIGHTY THOUSAND AND NO/100***********************************	(surety name) <u>SAFECO INSURAL</u> and qualified to do business in the	NCE COMPANY OF State of Utah, are he	AMERICA and firmly bound unt	0 the State of Litate in the current	as Surety, duly authorized
benefit of the State of Utah for the failinful payment of which we bind ourselves, our heirs, executors, administrators and successors, jointly are severally by these presents.  THE CONDITION OF THIS OBLIGATION IS SUCH THAT, WHEREAS the Principal is or will be engaged in the drilling, redrilling, deepening, operating, and plugging and abandonment of a well or wells and restoring the well site or sites in the State of Utah for the purposes of the property of the purposes of the property of the purposes of the state of Utah for the purposes of the state of Utah for the purposes of the state of Utah for the following described land or well:  X Blanket Bond: To cover all wells drilled in the State of Utah  Individual Bond: Well No:  Section: Township: Range:  County: Utah  NOW, THEREFORE, if the above bounden Principal shall comply with all the provisions of the laws of the State of Utah and the rules, orders an equirements of the Board of Oil, Gas and Mining of the State of Utah, including, but not limited to the proper plugging and abandonment of well and well site restoration, then this obligation is void; otherwise, the same shall be and remain in full force and effect.  N TESTIMONY WHEREOF, said Principal has hereunto subscribed its name and has caused this instrument to be signed by its duly authorized officers and its corporate or notary seal to be affixed this  3 of the Corporate or Notary Seal fiere)  Principal company name)  By Name (print)  Title  The Man Agree  Attestice: A JANUARY  Date: A JANUARY  20 03  N TESTIMONY WHEREOF, said Surety has caused this instrument to be signed by its duly authorized officers and its corporate or notary seal to be affixed this  1ST day of JANUARY  20 03  N TESTIMONY WHEREOF, said Surety has caused this instrument to be signed by its duly authorized officers and its corporate or notary seal to be affixed this  Surety Company (Attach Power of Attorney)	ETCHTY TUOUGAND AND	NO /1 continues and a			
Blanket Bond: To cover all wells drilled in the State of Utah    X   Blanket Bond: To cover all wells drilled in the State of Utah   Individual Bond: Well No:	benefit of the State of Utah for the f severally by these presents.	payable to the Direct aithful payment of wh	tor of the Division of Oil, hich we bind ourselves,	Gas and Mining, as agent of thou our heirs, executors, administra	e State of Utah, for the use and tors and successors, jointly and
Blanket Bond: To cover all wells drilled in the State of Utah	THE CONDITION OF THIS OBLIG repairing, operating, and plugging a foil or gas production and/or the inje	ATION IS SUCH THA and abandonment of a ection and disposal of	AT, WHEREAS the Pri a well or wells and resto f fluids in connection the	ncipal is or will be engaged in the string the well site or sites in the strewith for the following describ	ne drilling, redrilling, deepening, State of Utah-for the purpeses of
Section:	**				ed land of Well:
Section:	Individual Bond:	Well No:		·	
County:	•				<del></del>
NOW, THEREFORE, if the above bounden Principal shall comply with all the provisions of the Iaws of the State of Utah and the rules, orders an equirements of the Board of Oil, Gas and Mining of the State of Utah, including, but not limited to the proper plugging and abandonment of well and well site restoration, then this obligation is void; otherwise, the same shall be and remain in full force and effect.  NTESTIMONY WHEREOF, said Principal has hereunto subscribed its name and has caused this instrument to be signed by its duly authorized difficers and its corporate or notary seal to be affixed this  301 day of Dec 20 De Condocurrent and the provisions of the laws of the State of Utah and the rules, orders an abandonment of well will be and remain in full force and effect.  NTESTIMONY WHEREOF, said Principal has hereunto subscribed its name and has caused this instrument to be signed by its duly authorized (company name)  Principal (company name)  Support of This uran and the rules, orders and its corporate or notary seal factors.  NTESTIMONY WHEREOF, said Surety has caused this instrument to be signed by its duly authorized officers and its corporate or notary seal be affixed this  1ST day of JANUARY , 20 03  SAFECU INSURANCE COMPANY OF AMERICAN Surety Company (Altach Power of Attorney)  The AMERICAN SARVE FOSTER AND AMERICAN ADDITIONAL TO AMERICAN ADDITIO					
Attestee: Date: Da				d has caused this instrument to	be signed by its duly authorized
Principal (company name)  By Name (print) Title Managur  Attestee: Signature  N TESTIMONY WHEREOF, said Surety has caused this instrument to be signed by its duly authorized officers and its corporate or notary sea o be affixed this  1ST day of JANUARY , 20 03  SAFECO INSURANCE COMPANY OF AMERICA Surety Company (Attach Power of Attorney)  By TINA MARKE FOSTER ALTORNEY IN FACE	(Corporate or Notary Seal here)		GONOGOPH	ILI PS COMPANY	
Attestee: Sand Date: A Signature  N TESTIMONY WHEREOF, said Surety has caused this instrument to be signed by its duly authorized officers and its corporate or notary sea obe affixed this  1ST day of JANUARY , 20 03  SAFECO INSURANCE COMPANY OF AMERICAS Surety Company (Attach Power of Attorney)  (Corporate or Notary Seal here)  By TINA MARKE FOSTER ATTORNEY IN FACT		Ву		Principal (company name	Emile Irillance
N TESTIMONY WHEREOF, said Surety has caused this instrument to be signed by its duly authorized officers and its corporate or notary sea be affixed this  1ST day of JANUARY	Attestee: L H. A. D.	ato: /2 - 3 - 44	Samer	7. Hugher	_ manager
1ST day of JANUARY , 20 03  SAFECO INSURANCE COMPANY OF AMERICA Surety Company (Attach Power of Attorney)  By TINA MARKE FOSTER ATTORNEY IN FACT.			s instrument to be signe		and its corporate or notary and
Surety Company (Attach Power of Attorney)  (Corporate or Notary Seal here)  By TENA_MARIE_FOSTER:  Name (with)	*				· · · · · · · · · · · · · · · · · · ·
(Corporate or Notary Seal here)  By TINA_MARIE_ROSTER ATTORNEY_IN_FACT:  Name (print)			SAFECO I	NSURANCE COMPANY OF AM	RRION
- Sua Mario	(Corporate or Notary Seal here)	Ву	TINA MARIE FO	TER TOTAL ACTIONNEY	
A A A	A		Jua 1	Mario 3	
Caroly L. Wheeler C/O MARSH USA ENG.  Date: 12/20/2002 Surety Mailing Address	ARCONOMIC Da		And the second of the second o	SA-ING	
CAROLYN E. WHEELER NOTARY PUBLIC P. 10. BOX 36.012 KNOXVILLE, 2006 City State Zip State	IX COMMISSION EXPIRES: NO	VEMBER 1, 2006			

APD RECEIVED: 01/12/2006	API	NO. ASSIG	NED: 43-00	7-31118
WELL NAME: UTAH 6-1228				
OPERATOR: CONOCOPHILLIPS COMPANY ( N2335 )	PHONE	E NUMBER:	435-613-977	7
CONTACT: JEAN SEMBORSKI		-		
	·			
PROPOSED LOCATION:	INSP	ECT LOCATN	BY: /	/
SWSW 06 150S 100E SURFACE: 0093 FSL 0287 FWL	Tech	Review	Initials	Date
BOTTOM: 0093 FSL 0287 FWL	Engi	neering	DKO	2/13/06
COUNTY: CARBON	Geol	ogy		
LATITUDE: 39.54270 LONGITUDE: -110.8517 UTM SURF EASTINGS: 512744 NORTHINGS: 43768	Surf	ace		
FIELD NAME: DRUNKARDS WASH ( 48				
LEASE TYPE: 3 - State  LEASE NUMBER: ML-38867  SURFACE OWNER: 3 - State		OSED FORMAT BED METHANE		
Plat  Plat  No. 6196922  Potash (Y/N)  Nightherefore (Y/N)  Nightherefore (Y/N)  Potash (Y/N)  Nightherefore (Y/N)	Siting R649-3 Drilli Board Eff D	-3.  CARDS WASH  -2. General: 460 From Qt: -3. Excepting Unit Cause No: ate: g: 440 for 14	r/Qtr & 920' E tion	9 mm.treof
COMMENTS: New Druste	(Recd 2-1-04	.)		
STIPULATIONS:	MFWT 6	F BASI	5	
	<del></del>		<del></del>	



### DIVISION OF OIL, GAS AND MINING APPLICATION FOR PERMIT TO DRILL STATEMENT OF BASIS

OPERATOR: ConocoPhillips Company
WELL NAME & NUMBER: Utah 6-1228
API NUMBER: 43-007-31118
<b>LOCATION</b> : 1/4,1/4 <u>SWSW</u> Sec:6 TWP: <u>15 S</u> RNG: <u>10 E</u> <u>93 FSL 287 FW</u> L
Geology/Ground Water:
A well at this location will spud into a thin soil developed on the Cretaceous age Blue Gate Member of the Manco Shale. There are no aquifers with high quality ground water that are likely to be encountered. The proposed casin and cement program will adequately isolate any zones of water penetrated. There are numerous water rights file by this Operator on underground sources of water within a mile of this location.
Reviewer: Christopher J. Kierst Date: 2/8/06
Surface:
Proposed location is ~4.5 miles southwest of Price, Utah. The current surface use of the immediate area surrounding the proposed well is grazing and wildlife habitat. Access to this well will be along existing ConocoPhillips gas fiel roads and County maintained roads. Approximately 1400' of new access road will be built for this location. The direct area drains to the south, towards Miller Creek, then further east eventually into the Price River, a year-roun live water source. 18 producing, shut-in, SWD, and/or PA wells are within a 1-mile radius of the above propose well. Location layout, current surface status and characteristics, planned disturbances, access and utility route wildlife issues, and the reserve pit characteristics were all discussed. Jim Davis (SITLA), Corey Wilco (ConocoPhillips), Nathan Sill (DWR), and Larry Jensen (NELCO) were in attendance. Carbon County was invite but chose not to attend.
Reviewer: Mark L. Jones Date: February 2, 2006
Conditions of Approval/Application for Permit to Drill:
1.
2.
3.
4.

5. 6. 7.

# ON-SITE PREDRILL EVALUATION Division of Oil, Gas and Mining

OPERATOR:	ConocoPhillips	Company
-----------	----------------	---------

WELL NAME & NUMBER: Utah 6-1228

**API NUMBER:** 43-007-31118

LEASE: State FIELD/UNIT: Drunkards Wash UTU-67921X

LOCATION: 1/4,1/4 SWSW Sec: 6 TWP: 15S RNG: 10E 93 FSL 287 FWL

LEGAL WELL SITING: F SEC. LINE; F 1/4,1/4 LINE; F ANOTHER WELL.

GPS COORD (UTM): X =512747 E; Y =4376825 N SURFACE OWNER: SITLA.

### **PARTICIPANTS**

M. Jones (DOGM), Jim Davis (SITLA), Corey Wilcox (ConocoPhillips), Nathan Sill (DWR), and Larry Jensen (NELCO) were in attendance. Carbon County was invited but chose not to attend.

### REGIONAL/LOCAL SETTING & TOPOGRAPHY

Proposed location is ~4.5 miles southwest of Price, Utah. The current surface use of the immediate area surrounding the proposed well is grazing and wildlife habitat. Access to this well will be along existing ConocoPhillips gas field roads and County maintained roads. Approximately 1400' of new access road will be built for this location. The direct area drains to the south, towards Miller Creek, then further east eventually into the Price River, a year-round live water source.

### SURFACE USE PLAN

CURRENT SURFACE USE: Grazing and wildlife habitat.

PROPOSED SURFACE DISTURBANCE:  $175' \times 235' \text{ w}/50' \times 50' \times 10'$  (excluded) pit.

LOCATION OF EXISTING WELLS WITHIN A 1-MILE RADIUS: 18 producing, shutin, SWD, and/or PA wells are within a 1-mile radius of the above proposed well.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: On location and along roadway.

SOURCE OF CONSTRUCTION MATERIAL: Obtained locally and trucked to site.

ANCILLARY FACILITIES: None anticipated.

WILL DRILLING AT THIS LOCATION GENERATE PUBLIC INTEREST OR CONCERNS? (EXPLAIN): No.

### WASTE MANAGEMENT PLAN:

Portable chemical toilets which will be emptied into the municipal waste treatment system; garbage cans on location will be emptied into centralized dumpsters which will be emptied into an approved landfill. Crude oil production is unlikely. Drilling fluid, completion / frac

fluid and cuttings will be buried in the pit after evaporation and slashing the pit liner. Produced water will be gathered to the evaporation pit and eventually injected into the Navajo Sandstone via a salt-water disposal well. Used oil from drilling operations and support is hauled to a used oil recycler and reused.

### ENVIRONMENTAL PARAMETERS

Mark L. Jones

DOGM REPRESENTATIVE

<del></del>
AFFECTED FLOODPLAINS AND/OR WETLANDS: Dry washes run throughout the immediate area.
FLORA/FAUNA: Sagebrush/shadescale community.
SOIL TYPE AND CHARACTERISTICS: Mancos clay.
SURFACE FORMATION & CHARACTERISTICS:
EROSION/SEDIMENTATION/STABILITY: Erosive upon disturbance.
PALEONTOLOGICAL POTENTIAL: None observed.
RESERVE PIT
CHARACTERISTICS: Dugout earthen, 50'x50'x10', exterior to location.
LINER REQUIREMENTS (Site Ranking Form attached): None required.
SURFACE RESTORATION/RECLAMATION PLAN
As per surface use agreement.
SURFACE AGREEMENT: With SITLA lease.
CULTURAL RESOURCES/ARCHAEOLOGY: Completed by SencoPheonix.
OTHER OBSERVATIONS/COMMENTS  Utah 35-1080 and Utah 34-1217 are within crucial deer winter range and should be treated as such. However we do not have any objections to ConnocoPhillips drilling during closures because ConnocoPhillips has agreed to mitigation to compensate for the impacts of the wells proposed for 2006. Utah 4-1267, Utah 2-1264, Utah 6-1228, Utah 7-1229, Utah 7-1230, and Utah 26-1055 no wildlife concerns for these 6 wells.
ATTACHMENTS  Photos of this location were taken and placed on file.

February 1, 2006 / 11:30 am

DATE/TIME

### Evaluation Ranking Criteria and Ranking Score For Reserve and Onsite Pit Liner Requirements

		•
Site-Specific Factors	Ranking	Site Ranking
Distance to Groundwater (feet)	_	
>200 100 to 200	0 5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	0
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000 200 to 300	2	
100 to 200	10 15	
< 100	20	_0
Distance to Nearest Municipal		
Well (feet)		•
>5280	0	
1320 to 5280	5	
500 to 1320 <500	10 20	0
	20	0
Distance to Other Wells (feet)		
>1320 300 to 1320	0 10	
<300	20	0
	20	
Native Soil Type	•	
Low permeability Mod. permeability	0 10	
High permeability	20	10
-		
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	10	
TDS >10000 or Oil Base Mud Fluid containing significant levels of	15	
hazardous constituents	20	0
Poill Gub'		
Drill Cuttings Normal Rock	0	
Salt or detrimental	10	0
The state of the s		<del></del>
Annual Precipitation (inches) <10	0	
10 to 20	5	
>20	10	0
Affected Populations		
<10	0	•
10 to 30	6	
30 to 50	8	
>50	10	0
Presence of Nearby Utility		
Conduits	•	
Not Present Unknown	0 10	
Present	15	0

Sensitivity Level II = 20 or more; total containment is required, consider criteria for excluding pit use.

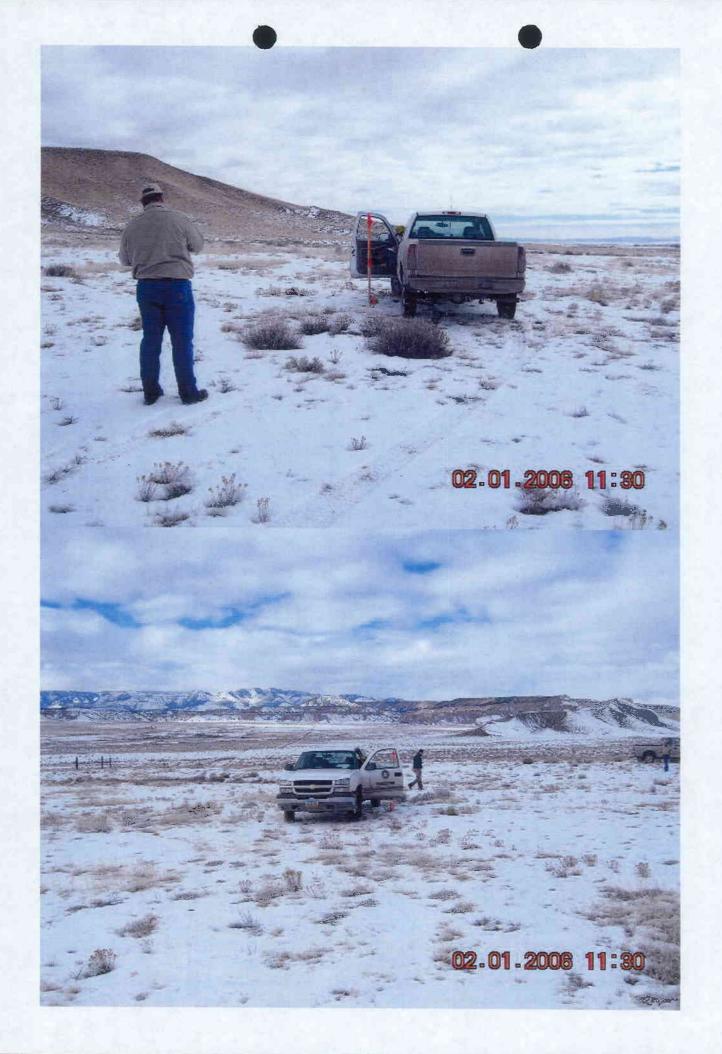
Sensitivity Level III = 15-19; lining is discretionary.

Sensitivity Level III = below 15; no specific lining is required.

10

(Level <u>III</u> Sensitivity)

Final Score





**utah** 

State Online Services ) Agency List

Business.utah.gov

Search Utah.gov GO

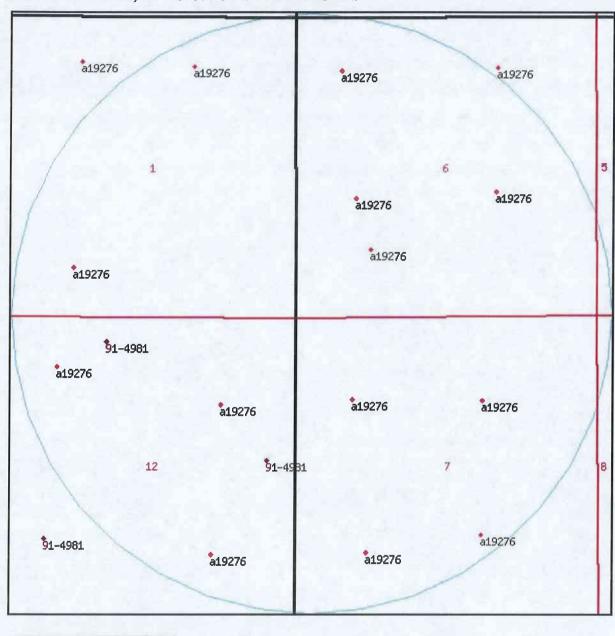
## UTAH DIVISION OF WATER RIGHTS

### **WRPLAT Program Output Listing**

Version: 2004.12.30.00

Rundate: 02/08/2006 02:13 PM

Radius search of 5280 feet from a point N93 E287 from the SW corner, section 06, Township 15S, Range 10E, SL b&m Criteria:wrtypes=W,C,E podtypes=S,U,D,Sp,P status=U,A,P usetypes=all



0 700 1400 2100 2800 ft

### Water Rights

WR Number	Diversion Type/Location	Well Log	Status	Priority	Uses	CFS	ACFT	Owner Name
91-4952	Underground		A	19930623	IMOS	5.000	0.000	CONOCOPHILLIPS COMPANY
	S875 E1015 NW 12 15S 9E SL							P. O. BOX 851
<u>91-4952</u>	Underground		A	19930623	IMOS	5.000	0.000	CONOCOPHILLIPS COMPANY
	N860 E1320 SW 01 15S 9E SL							P. O. BOX 851
91-4952	Underground		A	19930623	IMOS	5.000	0.000	CONOCOPHILLIPS COMPANY
	S808 E1451 NW 01 15S 9E SL							P. O. BOX 851
91-4952	Underground		A	19930623	IMOS	5.000	0.000	CONOCOPHILLIPS COMPANY
	S860 W1780 NE 01 15S 9E SL							P. O. BOX 851
91-4952	Underground		A	19930623	IMOS	5.000	0.000	CONOCOPHILLIPS COMPANY
	N1158 W1494 SE 12 15S 9E SL							P. O. BOX 851
91-4952	Underground		A	19930623	IMOS	5.000	0.000	CONOCOPHILLIPS COMPANY
	S1500 W1320 NE 12 15S 9E SL							P. O. BOX 851
91-4952	Underground		A	19930623	IMOS	5.000	0.000	CONOCOPHILLIPS COMPANY
	S934 E819 NW 06 15S 10E SL							P. O. BOX 851
91-4952	Underground		A	19930623	IMOS	5.000	0.000	CONOCOPHILLIPS COMPANY
	S1421 E1003 NW 07 15S 10E SL							P. O. BOX 851
ú.	Underground		A	19930623	IMOS	5.000	0.000	CONOCOPHILLIPS COMPANY
	N2124 E1054 SW 06 15S 10E SL							P. O. BOX 851
91-4952	Underground		A	19930623	IMOS :	5.000	0.000	CONOCOPHILLIPS COMPANY
	N1180 E1250 SW 07 15S 10E SL							P. O. BOX 851
91-4952	Underground		A	19930623	MOS :	5.000	0.000	CONOCOPHILLIPS COMPANY
	N1219 E1320 SE 01 15S 9E SL							P. O. BOX 851

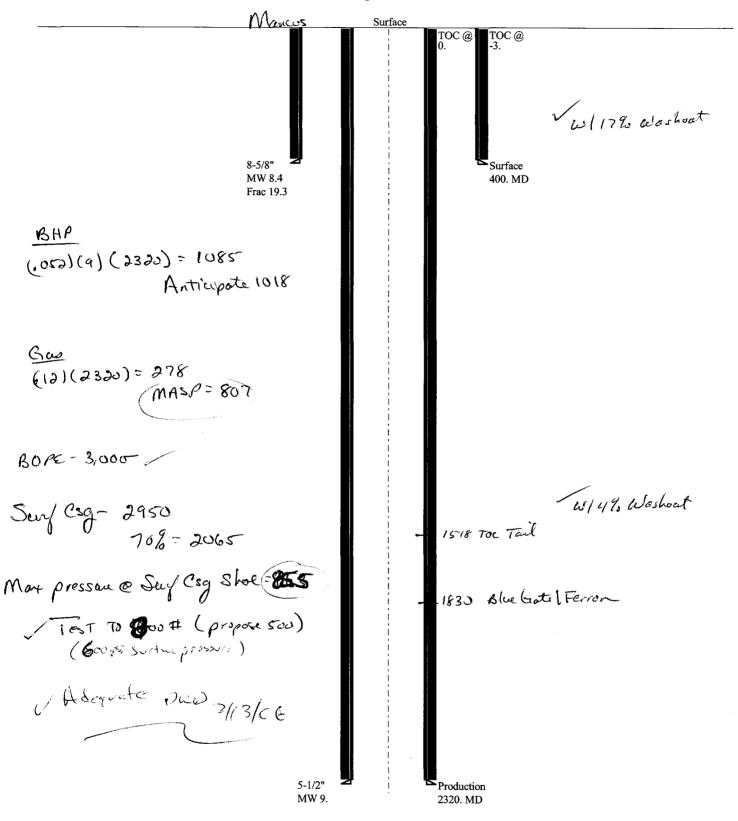
91-4952	Underground	A	19930623 IMOS	5.000 0.000	CONOCOPHILLIPS COMPANY
	N1400 W2100 SE 07 15S 10E SL				P. O. BOX 851
91-4952	Underground	A	19930623 IMOS	5.000 0.000	CONOCOPHILLIPS COMPANY
	S1495 W2006 NE 07 15S 10E SL				P. O. BOX 851
91-4952	Underground	A	19930623 IMOS	5.000 0.000	CONOCOPHILLIPS COMPANY
	N2180 W1780 SE 06 15S 10E SL				P. O. BOX 851
91-4952	Underground	A	19930623 IMOS	5.000 0.000	CONOCOPHILLIPS COMPANY
	S899 W1730 NE 06 15S 10E SL				P. O. BOX 851
91-4981	Surface	A	19951127 S	0.000 4.730	UTAH SCHOOL AND INSTITUTIONAL TRUST LANDS ADMIN.
	N1400 E800 SW 12 15S 9E SL				675 EAST 500 SOUTH, 5TH FLOOR
91-4981	Surface	A	19951127 S	0.000 4.730	UTAH SCHOOL AND INSTITUTIONAL TRUST LANDS ADMIN.
	S450 E1900 NW 12 15S 9E SL				675 EAST 500 SOUTH, 5TH FLOOR
91-4981	Surface	A	19951127 S	0.000 4.730	UTAH SCHOOL AND INSTITUTIONAL TRUST LANDS ADMIN.
	S2500 W500 NE 12 15S 9E SL				675 EAST 500 SOUTH, 5TH FLOOR
<u>a19276</u>	Underground	A	19950831 IMS	5.000 0.000	CONOCOPHILLIPS COMPANY
	S875 E1015 NW 12 15S 9E SL				P. O. BOX 851
a19276	Underground	A	19950831 IMS	5.000 0.000	CONOCOPHILLIPS COMPANY
	N860 E1320 SW 01 15S 9E SL				P. O. BOX 851
a19276	Underground	A	19950831 IMS	5.000 0.000	CONOCOPHILLIPS COMPANY
	S808 E1451 NW 01 15S 9E SL				P. O. BOX 851

<u>a19276</u>	Underground	A	19950831 IMS	5.000 0.000	CONOCOPHILLIPS COMPANY
	S860 W1780 NE 01 15S 9E SL				P. O. BOX 851
<u>a19276</u>	Underground	A	19950831 IMS	5.000 0.000	CONOCOPHILLIPS COMPANY
	N1158 W1494 SE 12 15S 9E SL				P. O. BOX 851
<u>a19276</u>	Underground	A	19950831 IMS	5.000 0.000	CONOCOPHILLIPS COMPANY
	S1500 W1320 NE 12 15S 9E SL				P. O. BOX 851
<u>a19276</u>	Underground	A	19950831 IMS	5.000 0.000	CONOCOPHILLIPS COMPANY
	S934 E819 NW 06 15S 10E SL				P. O. BOX 851
a19276	Underground	A	19950831 IMS	5.000 0.000	CONOCOPHILLIPS COMPANY
	S1421 E1003 NW 07 15S 10E SL				P. O. BOX 851
<u>a19276</u>	Underground	A	19950831 IMS	5.000 0.000	CONOCOPHILLIPS COMPANY
	N2124 E1054 SW 06 15S 10E SL				P. O. BOX 851
<u>a19276</u>	Underground	A	19950831 IMS	5.000 0.000	CONOCOPHILLIPS COMPANY
	N1180 E1250 SW 07 15S 10E SL				P. O. BOX 851
<u>a19276</u>	Underground	A	19950831 IMS	5.000 0.000	CONOCOPHILLIPS COMPANY
	N1219 E1320 SE 01 15S 9E SL				P. O. BOX 851
<u>a19276</u>	Underground	A	19950831 IMS	5.000 0.000	CONOCOPHILLIPS COMPANY
	N1400 W2100 SE 07 15S 10E SL				P. O. BOX 851
<u>a19276</u>	Underground	A	19950831 IMS	5.000 0.000	CONOCOPHILLIPS COMPANY
	S1495 W2006 NE 07 15S 10E SL				P. O. BOX 851
<u>a19276</u>	Underground	A	19950831 IMS	5.000 0.000	CONOCOPHILLIPS COMPANY
	N2180 W1780 SE 06 15S 10E SL				P. O. BOX 851
<u>a19276</u>	Underground	A	19950831 IMS	5.000 0.000	CONOCOPHILLIPS COMPANY
	S899 W1730 NE 06				P. O. BOX 851

Natural Resources | Contact | Disclaimer | Privacy Policy | Accessibility Policy

# • 02-06 ConocoPhillips Utah • 228

**Casing Schematic** 



Well name:

02-06 ConocoPhillips Utah 6-1228

Operator:

ConocoPhillps Company

String type:

Surface

Project ID:

43-007-31118

Location:

Carbon County

Minimum design factors: **Environment:** 

Collapse Collapse: Design factor

Mud weight: 8.400 ppg Design is based on evacuated pipe.

H2S considered?

Surface temperature:

No 65 °F Bottom hole temperature: 71 °F

Temperature gradient:

1.40 °F/100ft

Minimum section length:

250 ft

**Burst:** 

Design factor

1.00

1.50 (J)

350 ft

1.125

Cement top:

Surface

**Burst** 

Max anticipated surface

No backup mud specified.

pressure:

352 psi

Internal gradient: Calculated BHP

**Design parameters:** 

0.120 psi/ft 400 psi

Tension:

8 Round STC:

1.80 (J) 1.80 (J) 8 Round LTC: **Buttress:** 1.60 (J)

Premium:

Neutral point:

Body yield: 1.50 (B) Tension is based on buoyed weight. Re subsequent strings:

Non-directional string.

Next setting depth: Next mud weight:

2.320 ft 9.000 ppg 1,085 psi

Next setting BHP: Fracture mud wt: Fracture depth: Injection pressure

19.250 ppg 400 ft 400 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)	
1	400	8.625	24.00	J-55	ST&C	400	400	7.972	19.3	
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor	
1	175	1370	7 849	400	2950	7 37	8	244	20 08 1	

Prepared

Clinton Dworshak

Utah Div. of Oil & Mining by:

Phone: 801-538-5280 FAX: 810-359-3940

Date: February 9,2006 Salt Lake City, Utah

Collapse is based on a vertical depth of 400 ft, a mud weight of 8.4 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:

02-06 ConocoPhillips Utah 6-1228

Operator:

**ConocoPhillps Company** 

String type:

Production

Design is based on evacuated pipe.

Project ID:

43-007-31118

Location:

**Collapse** 

Carbon County

Minimum design factors:

Collapse: Design factor

1.125

**Environment:** 

H2S considered? Surface temperature: No 65 °F

Bottom hole temperature: Temperature gradient:

Non-directional string.

97 °F

Minimum section length: 1,500 ft

1.40 °F/100ft

B<u>urst:</u>

Design factor

1.00

Cement top:

Surface

**Burst** 

Max anticipated surface

No backup mud specified.

pressure:

806 psi

9.000 ppg

Internal gradient: Calculated BHP

Design parameters:

Mud weight:

0.120 psi/ft 1,085 psi

Tension:

8 Round STC: 8 Round LTC:

1.80 (J) 1.80 (J)

1.60 (J) **Buttress:** Premium: 1.50 (J)

Body yield:

1.50 (B)

Tension is based on buoyed weight. Neutral point: 2.003 ft

Run Segment Nominal End True Vert Measured Drift Internal Size Sea Length Weight Grade **Finish** Depth Depth Diameter Capacity (ft) (in) (lbs/ft) (ft) (ft) (in) (ft³) 1 2320 5.5 17.00 N-80 LT&C 2320 2320 4.767 79.9 Run Collapse Collapse Collapse **Burst Burst Burst Tension Tension Tension** Seq Load Strength Design Load Strength Design Load Strength Design (psi) (psi) **Factor** (psi) (psi) **Factor** (Kips) (Kips) **Factor** 1 1085 6290 5.799 1085 7740 7.14 348 10.22 J

Prepared

Clinton Dworshak

Utah Div. of Oil & Mining

Phone: 801-538-5280

FAX: 810-359-3940

Date: February 9,2006 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 2320 ft, a mud weight of 9 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

From:

Ed Bonner

To:

Whitney, Diana

Date:

2/28/2006 4:02:30 PM

Subject:

Well Clearance

The following wells have been given cultural resource clearance by the Trust Lands Cultural Resources Group:

### ConocoPhillips Company

Utah 26-1198

Utah 26-1197

Utah 13-1167

Utah 11-1157

Utah 11-1159

Utah 11-1158

Utah 07-1230

Utah 07-1229

Utah 06-1228

Utah 35-1080

Utah 26-1055

### Questar Exploration & Production

BZ 10ML-16-8-24

BZ 12ML-16-8-24

BZ 14ML-16-8-24

If you have any questions regarding this matter please give me a call.

CC:

Davis, Jim; Garrison, LaVonne; Hill, Brad; Hunt, Gil



State of Utah

Department of **Natural Resources** 

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

> JOHN R. BAZA Division Director

JON M. HUNTSMAN, JR. Governor

> GARY R. HERBERT Lieutenant Governor

> > March 2, 2006

ConocoPhillips Company P O Box 851 Price, UT 84501

Re: Utah 6-1228 Well, 93' FSL, 287' FWL, SW SW, Sec. 6, T. 15 South. R. 10 East, Carbon County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-007-31118.

Sincerely,

Gil Hunt

Associate Director

pab **Enclosures** 

cc:

Carbon County Assessor

Bureau of Land Management, Moab District Office

Operator:	ConocoPhillips Company					
Well Name & Number	Utah 6-	1228				
API Number:	43-007-					
Lease:	ML-38	867				
Location: SW SW	Sec. 6	<b>T.</b> 15 South	R. 10 East			

### **Conditions of Approval**

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

### 2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

### 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.
- 5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)



FORM 9

# STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL GAS AND MINING

ι	5. LEASE DESIGNATION AND SERIAL NUMBER: ML-38867		
SUNDRY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A		
Do not use this form for proposals to drill ne drill horizontal lat	7. UNIT OF CA AGREEMENT NAME: Drunkards Wash UTU-67921X		
TYPE OF WELL     OIL WELL		8. WELL NAME and NUMBER: Utah 6-1228	
2. NAME OF OPERATOR:		9. API NUMBER:	
ConocoPhillips Company	PHONE NUMBER:	4300731118  10. FIELD AND POOL, OR WILDCAT:	
3. ADDRESS OF OPERATOR: P.O. Box 51810	Midland STATE TX ZIP 79710-1810 (432) 688-6943	Drunkards Wash	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 93' FS	_ 8.287' FWL	COUNTY: Carbon	
QTR/QTR, SECTION, TOWNSHIP, RAN		STATE: UTAH	
11. CHECK APPF	ROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO	ORT, OR OTHER DATA	
TYPE OF SUBMISSION	TYPE OF ACTION		
NOTICE OF INTENT	ACIDIZE DEEPEN	REPERFORATE CURRENT FORMATION	
(Submit in Duplicate)	ALTER CASING FRACTURE TREAT	SIDETRACK TO REPAIR WELL	
Approximate date work will start:	CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON TUBING REPAIR	
3/2/2007	CHANGE TO PREVIOUS PLANS OPERATOR CHANGE  CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE	
SUBSEQUENT REPORT	CHANGE TUBING PLUG AND ABANDON  CHANGE WELL NAME PLUG BACK	WATER DISPOSAL	
(Submit Original Form Only)	CHANGE WELL STATUS PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF	
Date of work completion:	COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	✓ отнек: Permit Renewal	
	CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION		
ConocoPhillips Company	OMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volunteespectfully requests that the approval of the Application for Perniproval will expire on March 2, 2007.		
The location has been bui	It for this well.		
	Approved by the Utah Division of Oil, Gas and Mining		
	Date: 02-07-07 By:	- 2-9-07	
	70	- Jan	
NAME (PLEASE PRINT) Donna W	Illiams TITLE Sr. Regulatory A	Analyst	
NAME (PLEASE PRONT)	DATE 2/5/07		
SIGNATURE	DATE CIDIO		
(This space for State use only)			

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# Application for Permit to Drill Request for Permit Extension Validation

Validation
(this form should accompany the Sundry Notice requesting permit extension)

43-007-31118

API:

Well Name: Utah 6-1228  Location: SW/4 SW/4 Section 6, R15S, R10E  Company Permit Issued to: ConocoPhillips Company  Date Original Permit Issued: 3/2/2006
The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.
Following is a checklist of some items related to the application, which should be verified.
If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes □ No ☑
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☑
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes□No☑
Have there been any changes to the access route including ownership, or right- of-way, which could affect the proposed location? Yes□No ☑
Has the approved source of water for drilling changed? Yes□No☑
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes□No☑
Is bonding still in place, which covers this proposed well? Yes⊠No□
ZISIOT Poto
Signature Date
Title: Sr. Regulatory Analyst
Representing: ConocoPhillips Company
RECEIVED
FEB 0 7 2007

# STATE OF UTAH

	DEPARTMENT OF NATURA	L RESOURCES	F	***	
	DIVISION OF OIL, GAS		Wall and a sale and a sale a	"5. LEASE DESIGNATION AND S	ERIAL NUMBER:
SUNDRY	NOTICES AND RE	PORTS ON WE	LLS	6. IF INDIAN, ALLOTTEE OR TR	IBE NAME:
Do not use this form for proposals to drill n	new wells, significantly deepen existing waterals. Use APPLICATION FOR PERMI	rells below current bottom-hole do	epth, reenter plugged wells, or to	7. UNIT or CA AGREEMENT NAI Drunkards Wash U	
1. TYPE OF WELL OIL WELL	GAS WELL 🗸	OTHER		8. WELL NAME and NUMBER: Utah 6-1228	
2. NAME OF OPERATOR:	·			9. API NUMBER: 4300731118	
ConocoPhillips Company  3. ADDRESS OF OPERATOR:			PHONE NUMBER:	10. FIELD AND POOL, OR WILD	CAT:
P. O. Box 51810	Y Midland STATE	TX <sub>ZIP</sub> 79710	(432) 688-6943	Drunkards Wash	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 93' FS	L & 287' FWL			соинту: Carbon	
QTR/QTR, SECTION, TOWNSHIP, RAN	ICE MEDIDIANI SWSW 6	15S 10E	annaga migapa ka mining ang Kara	Shimbif NCC on dis ON 75 No. N. S.	
QTR/QTR, SECTION, TOWNSHIP, RAN	GE, MERIDIAN: 377377 0	ISS IUE		STATE: UTAH	
11. CHECK APPE	ROPRIATE BOXES TO I	NDICATE NATURE	OF NOTICE, REPO	ORT, OR OTHER DATA	4
TYPE OF SUBMISSION			TYPE OF ACTION		
✓ NOTICE OF INTENT	ACIDIZE	DEEPEN		REPERFORATE CURRE	ENT FORMATION
(Submit in Duplicate)	ALTER CASING	FRACTUR	E TREAT	SIDETRACK TO REPAIR	₹ WELL
Approximate date work will start:	CASING REPAIR	☐ NEW CON	NSTRUCTION	TEMPORARILY ABANDO	NC
2/7/2008	CHANGE TO PREVIOUS PLAN	S OPERATO	OR CHANGE	TUBING REPAIR	
	CHANGE TUBING	PLUG ANI	D ABANDON	VENT OR FLARE	
SUBSEQUENT REPORT	CHANGE WELL NAME	PLUG BAG	СК	WATER DISPOSAL	
(Submit Original Form Only)	CHANGE WELL STATUS	PRODUCT	TION (START/RESUME)	WATER SHUT-OFF	
Date of work completion:	COMMINGLE PRODUCING FO	RMATIONS RECLAMA	ATION OF WELL SITE	✓ OTHER: Permit Re	enewal
	CONVERT WELL TYPE	RECOMP	LETE - DIFFERENT FORMATION		
12. DESCRIBE PROPOSED OR CO	OMPLETED OPERATIONS. Clear	ly show all pertinent details i	ncluding dates, depths, volun	nes, etc.	
ConocoPhillips Company	respectfully requests that	t the approval of the	Application for Perm	nit to Drill for the referer	nced well be
extended. The current app					
		Approved by the	ne		
		Utah Division		`	
	(	Oil, Gas and Mir			
	Dat	e: 01-14-G	Fr.		
	Dat	e. Colonia	<del>/}</del>  \		
	By:	Kradelfl		CON PERT TO	
	<b>- J</b> ·	1110	Annual Control of the	COPY SENT TO Date: 1-14	- 2009
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NAME (PLEASE PRINT) Donna Wil	liams		Sr. Regulatory S	Specialist	
NAME (PLEASE PRINT)	191113	TIT	TLE SI. Negulatory 3	Poolansi	

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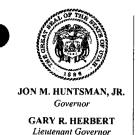
1/7/2008



### Application for Permit to Drill Request for Permit Extension Validation

Validation (this form should accompany the Sundry Notice requesting permit extension)

Well Name: Utah 6-1228 Location: SWSW Sec 6, T15S, R10E, Can Company Permit Issued to: ConocoPh Date Original Permit Issued: 3/2/2006	
The undersigned as owner with legal rig above, hereby verifies that the information approved application to drill, remains val	on as submitted in the previously
Following is a checklist of some items reverified.	elated to the application, which should be
If located on private land, has the owner agreement been updated? Yes ☐ No ☑	ship changed, if so, has the surface
Have any wells been drilled in the vicinity the spacing or siting requirements for this	y of the proposed well which would affect s location? Yes⊡ No☑
Has there been any unit or other agreem permitting or operation of this proposed v	
Have there been any changes to the accord-way, which could affect the proposed	
Has the approved source of water for dri	lling changed? Yes□No☑
Have there been any physical changes to which will require a change in plans from evaluation? Yes□No☑	
Is bonding still in place, which covers this	s proposed well? Yes ☑No □
h ( )	1/7/2008
Signature	Date
Title: Sr. Regulatory Specialist	
Representing: ConocoPhillips Company	
Representing: ConocoPhillips Company	RECEIVED
	JAN 1 1 2008
	JAN 1 1 2000



## State of Utah

### DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

February 2, 2009

ConocoPhillips Company P O Box 851 Price, UT 84501

Re:

<u>APD Rescinded – Utah 6-1228, Sec. 6, T. 15S, R. 10E</u> Carbon County, Utah API No. 43-007-31118

### Gentlemen:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on March 2, 2006. On February 7, 2007 and January 14, 2008 the Division granted a one-year APD extension. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective February 2, 2009.

A new APD must be filed with this office for approval <u>prior</u> to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Diana Mason

**Environmental Scientist** 

cc: Well File

SITLA, Ed Bonner

